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(21) International Application Number: PCT/EP00 00623 (22) International Filing Date: 27 January 2000 (27.01.00) (30) Priority Data: 99101315.2 28 January 1999 (28.01.99) EP (71) Applicant (for all designated States except US): F. HOFFMANN-LA ROCHE AG [CH/CH]; CH-4070 Basle (CH). (72) Inventors; and (75) Inventors/Applicants (for US only): DONY, Carola [DE/DE]; Engelstrasse 7, D-81477 München (DE). PROETZEL, Gabriele [DE/DE]; Adenauerplatz 1, D-97523 Schwanfeld (DE). LESER, Ulrike [DE/DE]; Elisabethstrasse 26, D-80796 München (DE). (74) Agent: SCHREINER, Siegfried; Roche Diagnostics GmbH, Patent Department Pharma (TR-E), P.O. Box 11 52, D-82372 Penzberg (DE).		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>	
(54) Title: USE OF A MELANOMA INHIBITING ACTIVITY FACTOR (MIA) FOR CARTILAGE AND BONE REPAIR			
(57) Abstract			
<p>A melanoma inhibiting activity factor (MIA), preferably in combination with an osteoinductive protein, is a useful pharmaceutical agent for promoting bone healing and/or cartilage repair.</p>			